

**TECHNICAL TUESDAYS**

TOPIC: Limitation of Orthophenylphenol (OPP) in Textiles:

REF: REF: TT/ Sep 2014/ WK 2

Orthophenylphenol (OPP):

O-Phenyl phenol (CAS No. 90-43-7) may be found in printing textiles and is a common substance in water based thickeners of printing pastes as well as in leather.

Other applications for OPP include swimwear made of polyamide. The carrier based on OPP is also restricted in eco-label. OPP is suspected to be carcinogenic and may provoke allergic reactions.

<u>Summary of OPP Requirement</u>	
*Limits / Restriction	100mg/kg.
Characteristics / Toxicity	Suspected to Carcinogenic
Processes	Carriers in polyester Dyeing ;Preservative in water /Print Paste Thickeners
Test Method	BVL B 82.02-08 (Modified) or KOH Extraction, Derivations followed by GC-MS Analysis

\*Limits mentioned here are typical. Each Buyer may have own limits

Reference: Ecological considerations, parameters and testing for the textile industry by Texan lab-2014

Link: <http://www.texanlab.com/documents/downloads/15.pdf>

**Wishing you a happy week ahead!**

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